

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019828**Date Inspected:** 28-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI consolidated the information from welding report submittals to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the contractor's welding reports.

Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI relayed the status of document reviews to the QAI Bill Levell. The QAI participated in a discussion with the QAI Lead Bill Levell, ABF QC Manager Jim Bowers and the QAI Robert Mertz. The conversation was generally regarding earlier reports and work being performed by F.W. Spencer. The QAI noted that no welding reports have been submitted for work being performed by ABF and F.W. Spencer on mechanical piping and associated components. The QC Manager referred to Contract Change Order (CCO) 119 as defense to why welding reports have not been submitted. After reviewing the CCO, the QAI noted that it does relieve the contractor from normal weld reporting requirements on certain miscellaneous metal components and that some of this work is being performed on the job site. The QAI informed the QC Manager that the CCO does not refer to any mechanical piping and the QC Manager was shown the contract special provisions' requirements for mechanical piping. The QC Manager reviewed the CCO and special provisions. The QAI was informed that all welding is being document by the QC Inspectors at the job site. The QAI was informed that ABF production personnel will be made aware of this view and that no final decisions have been made as to what will be reported. Except as described above, there were no

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other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Sang Le (916)764-5650, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
